

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus for applying ultrasonic energy to sewage slurry ~~which, the apparatus comprises~~ comprising:

an applicator having an outwardly facing surface, ~~the apparatus further including;~~

an extender which extends from the outwardly facing surface[.]; and

at least one booster at the end of the extender remote from the applicator for boosting ultrasonic energy applied thereto to cause the applicator to oscillate,

wherein the applicator, extender and booster are integrally formed ~~by a forging and/or casting process.~~

2. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus according to claim 1, wherein the applicator has a central aperture defined by an inwardly facing surface.

3. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus according to claim 2, wherein the inwardly facing surface oscillates when ultrasonic energy is applied to the apparatus.

4. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus according to claim 1, wherein the integral applicator, extender and booster are formed from a rolled forged, or cast, material.

5. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus according to claim 1, wherein the integral applicator, extender and booster are formed from metal.

6. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus according to claim 5, wherein the metal is an alloy.

7. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus according to claim 6₁ wherein the alloy is a titanium-containing alloy.

8. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus according to claim 5₁ wherein the alloy is a titanium-~~aluminium~~aluminum-containing alloy.

9. (Currently Amended) ~~Apparatus~~Sewage slurry ultrasonic apparatus ~~[[horn]]~~ according to claim 8₁ wherein the alloy comprises titanium, ~~aluminium~~ aluminum, and vanadium in a molar ratio of 6:4:1.

10-20. (Canceled)